Case 14. Incoming Association of Class

To get Incoming Associations of a Class

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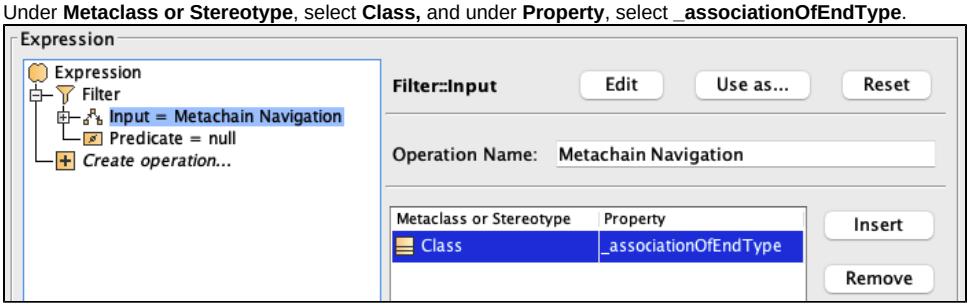
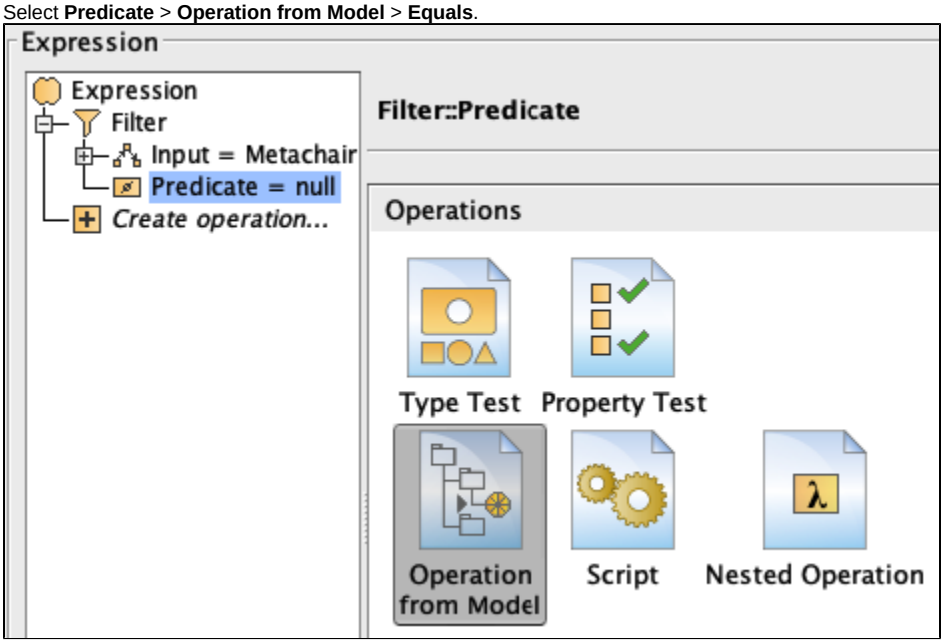
1. Right-click a Class element and open the **Specification window** > **Traceability** > **Create**.
2. Set the **Name** to 'Incoming associations'.
3. Click **Create operation** > **Filter**.

> If you cannot see the **Filter** operation under **Operations**, make sure the **Expert** mode is enabled.

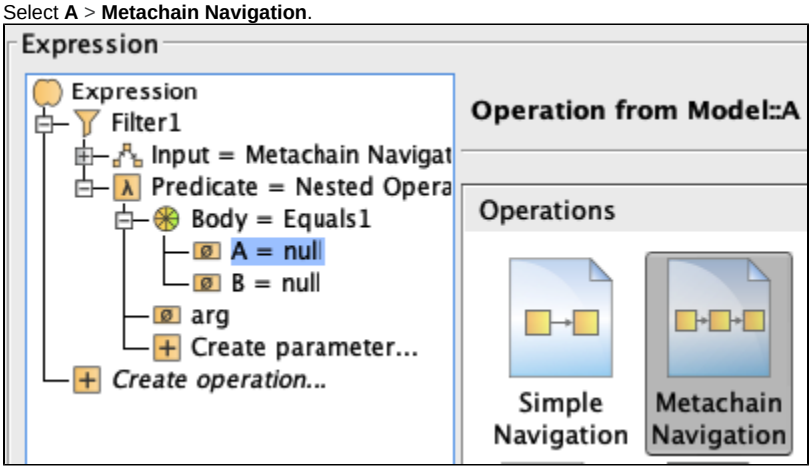
4. Select **Input** > **Metachain Navigation**.
5. Click **Insert**.
6. Under **Metaclass or Stereotype**, select **Class,** and under **Property**, select **_associationOfEndType**.



7. Select **Predicate** > **Operation from Model** > **Equals**.

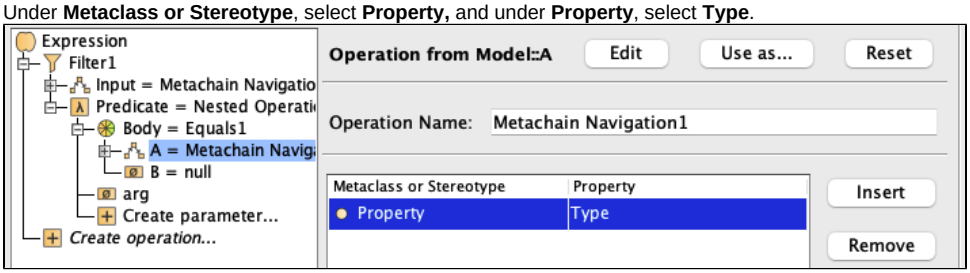


8. Select **A** > **Metachain Navigation**.

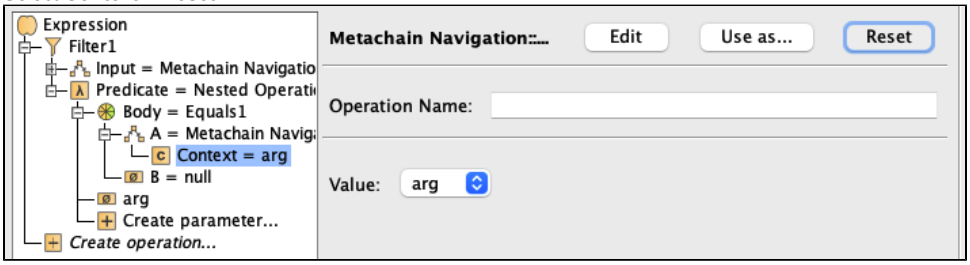


9. Click **Insert**.

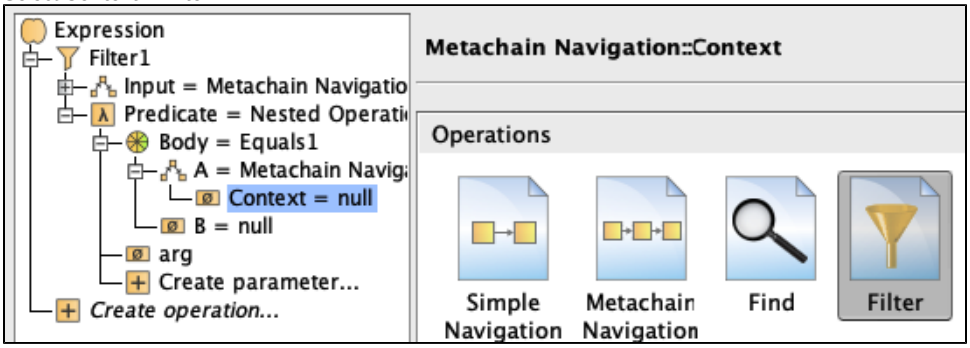
10. Under **Metaclass or Stereotype**, select **Property,** and under **Property**, select **Type**.



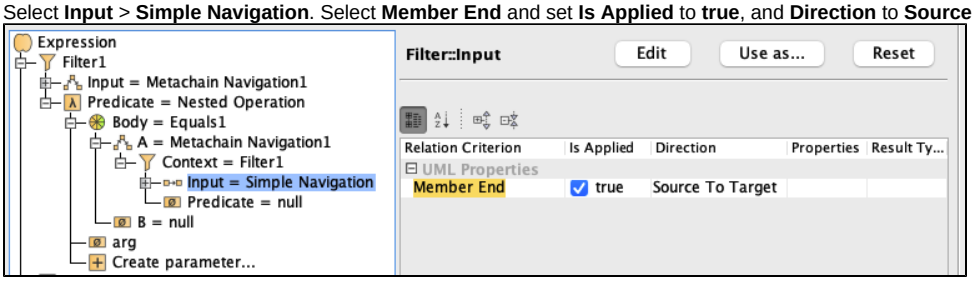
11. Select **Context** > **Reset**.



12. Select **Context** > **Filter**.

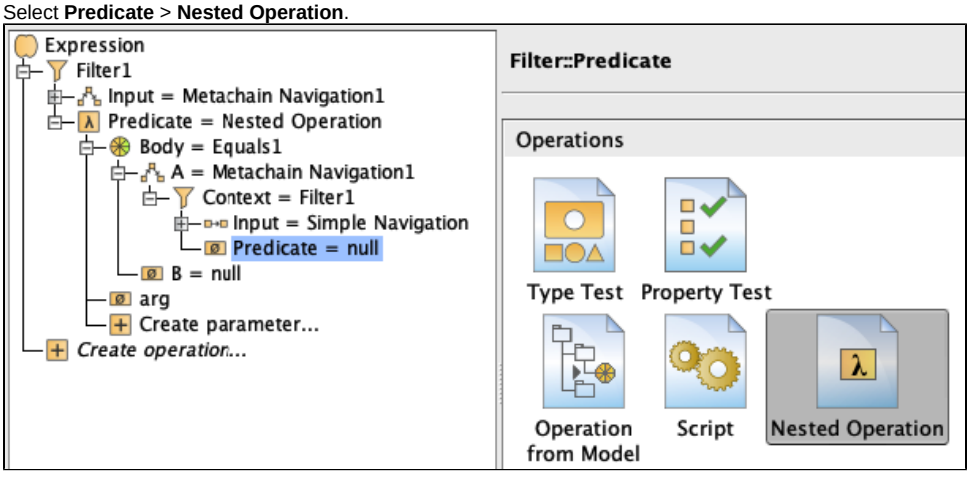


13. Select **Input** > **Simple Navigation**. Select **Member End** and set **Is Applied** to **true**, and **Direction** to **Source To Target**.

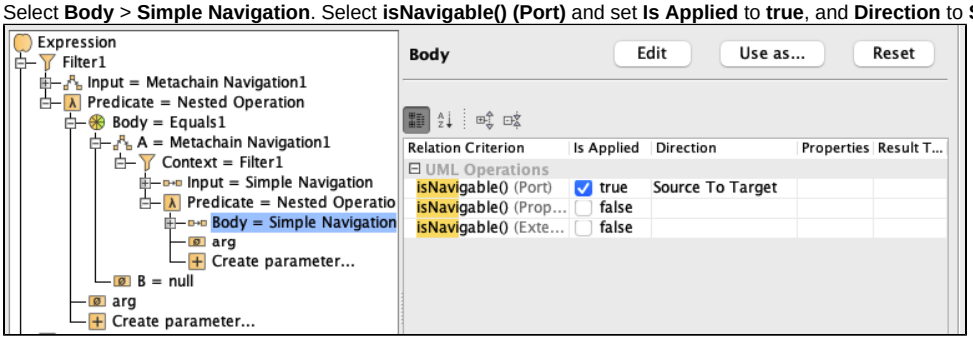


> If you cannot see the **Member End** property, make sure the 'Show relations criteria available only for context' check box is not selected.

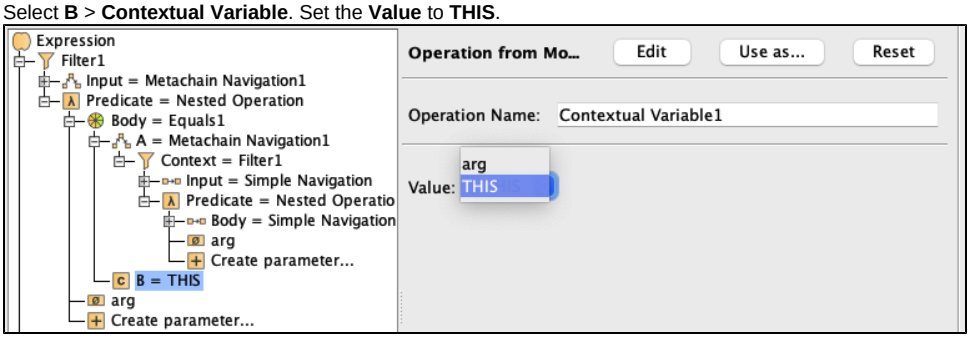
14. Select **Predicate** > **Nested Operation**.



15. Select **Body** > **Simple Navigation**. Select **isNavigable() (Port)** and set **Is Applied** to **true**, and **Direction** to **Source To Target**.



16. Select **B** > **Contextual Variable**. Set the **Value** to **THIS**.



17. Click **OK**.

Sample model

The model used in these examples is the *Case Studies for Querying the Model* sample model. To open this model, you need to download *case studies for querying the model.mdzip*.